

## ABSTRACT OF THE DISCLOSURE

BLOWER ASSISTED HEATING AND DEFOGGING SYSTEM  
FOR SMALL AIRCRAFT

For the purposes of increasing pilot visibility and comfort in small planes during winter conditions, this invention provides an auxiliary heating system. Prior to actual flight, that is to say that during start up, warm up, taxi and takeoff, a small aircraft does not intake sufficient outside air to warm the cabin and defrost the windshield. The normal heating system on a small plane depends upon ram air when the plane is flying at normal speeds. This invention consists of a simple replacement part, mainly an electric blower which sucks in air from outside the aircraft and forces it through the muffler shroud and thereafter into the cabin and defroster ducts. The system is operated by a switch located on the control panel. Once the aircraft is in flight, the system may be shut off as there is sufficient ram air to heat the small aircraft.